INSPECTORS SEIZE SEALS IN CHINA.

San Francisco Customs Find Re garded as Most Important in History of the Port.

PLACED IN SAFE DEPOSIT.

Tablets of Jade From the Temple in Pekin Found in the Baggage of Ninth Infantry.

REPUBLIC SPECIAL. San Francisco, July 12.—Five imperial jade meals of the Chinese imperial Government and twelve jade sucred tablets from the imperial temple in Peking have been selzed: by the customs officers at the transport dock. The scals and ten of the tablets were part of the baggage of First Lieutenant John B. Cchoeffel of the Ninth Infantry, and the other two tablets were in 'he possession of A. Herse, who returned on the transport Sherman. The seizure is regarded by the local customs officials as one of the most important in the history of this port. It was evidently the intention of both

Schoeffel and Hesse to get the jade through the Custom-house without discovery, for it was not on the manifest of the ships nor

How Seals Were Found. Lieutenant Schoeffel returned on the Han-cock. He was with his company, M, of the Ninth Infantry, and took part in the advance on and capture of Pcking by the allied forces in 1900. That campaign was memorable for the tremendous amount of loot seized by the officers and men of the allied forces, although it was the general impression at the time that the Americans had not been as eager and persistent in their looting as the others. Schoeffel says that he purchased the jade scals and tab-lets from a Chinese, who sold them to him for 20. The Chinese was very mysterious in his actions and anxious to sell. He had packed it away in the same box that it was sexed in taking it to Maniia, where it was sexed in taking it to Maniia, where it remained for about two years. When seized the Lieutenant was apparently the most unconcerned man in the crowd about the baggage. He allowed it to be taken away without a protest and went on directing the examination and transfer of the company baggage.

the examination and transfer of the company baggage.

The scizure was made by Inspector Victor J. Lindquist. Although all baggage from the Philippines is given a close examination, the customs inspectors were quietly given the tip to pay special attention to the baggage of the Ninth Infantry, for it was thought a great deal of loot would be found that came from China. The Chinese Government has offered large rewards for the recovery of certain articles which disappeared during the foreign occupation of Peking, and for these articles foreign governments had been asked to watch.

Proper Authorities Notified. Proper Authoritics Notified.

The sacred tablets from the imperial temple were considered the most important. Each tablet is a history of the reign of one Emperor and is of enormous value, both from point of age and sentiment, as they have never been duplicated. Both the tablets and seals are of the purest jade, flawless and highly polished. The carving is evidently the work of an artist. The seals are heavy, about five inches square and two inches thick, and have elaborate handles in the form of dragons with five toes, which indicates that they belong to the imperial family. The tablets are about one foot long by four in width and half an inch thick. The seals have fine silk cords of yellew attached to them, and the tablets are protected by silk mats of yellow, another evidence of their imperial character.

The jade was taken to the office of Deput Surveyor St. John, who placed it in shie keeping pending a decision of the Treasury Department, which will be notified by the Collector of the Port. It will probably be returned to Peking.

MYSTERY OF EMPTY BEER KEG. Small Barrel Is Addressed to

Mayor Low of New York.

REPUBLIC SPECIAL

New York, July 12—A keg, known in brawers' parlance as a half barrel, is in the City Hall awaiting the return of Mayor Low. How the keg got into the City Hall is a mystery. Janitor Keese said:

"I did not shoulder it in. Then again what would I be doing with an empty keg? What am I going to do with it? Why, the keg is addressed to Mayor Low."

None of the watchmen could explain how the beer keg was smuggled into the building. An examination of the keg after the Sherlock Holmes method discloses the following facts:

Sherlock Holmes method discloses the in-lewing facts:

That the keg is old and battered.

That the keg had been removed from some brewery, because the name of the owner was erased and, further, rings of bright red paint were drawn around the edges of the keg and the hoops.

On the top of the keg was this inscrip-

SPORTSMEN'S HOME Drop a Nickel in the Slot.

A metal plate was sunk into the bunghole A metal plate was sunk into the bunghole of the keg with an opening for coin.

Tacked on the other end is a tag addressed to Mayor Low, at the City Hall, with a request that the keg be allowed to stand in the Mayor's office as a repository for the nickels of those who want to help broken-down "sports," especially those addicted to horse racing.

"From the Sherlock Holmes work I have become con-

"From the Sherlock Holmes work I have me in this matter I have become connect that it is all a practical joke, and the fact that the jokers probably emped the keg before sending it to the City all, showing that they must be fond of ewed hops," said Janitor Keese. Mayor Low will probably order the keg maigned to the care of Street Cleaning ministioner Woodbury for final disposition.

PRIEST ACCEPTS NO PURSE.

All Father Anacletus Will Take Is Good Wishes.

Is Good Wishes.

REPUBLIC SPECIAL.

New York July 12.—Although very poor, Pather Anneletus da Roccagoraa, who has been pastor of St. Anthony's Church, has refused to allow his parishloners to raise a testimonial purse as a token of their love and esteen upon his retirement after faithful services for nearly thirty years.

Father Anneletus, as he is affectionately called in the parish, told his parishloners that he would take nothing from them but good wishes for his welfare.

Hundreds of the congregation called at the rectory to shehe Father Anneletus's hand, wish him good luck and tid him good-by. His house has been filed nightly since last week, when he smoounced his coming departure. It was not be request that he leaves his present flock to become curate of a mission church of the order of Franciscans in New Castie. Pa. Still he is satisfied, as work there will be lighter than his present duties, and he is oute old.

Father Ubalda Macavelle, who is young and a nephew of Cardinal Sato?, will succeed Father Anacletus. The latter built St. Anthony's Church, which is a coefly edifice of gray sandstone, as is also the cluster building connected with it. Some of his Anthonys Church, which is a costly edifice of gray sandstone, as is also the cloiser building connected with it. Some of his parishloners are aggreeved that their parishloners are aggreeved that their partor should be sent to a new field in his old age after building up a new church.

"I am entirely satisfied to go to my new charge," says Father Anacletus, cheerfully, Father Anacletus was ordained a priest in Sourianion, Italy and came to the United Sourianico, Italy, and came to the United States in 1855. After a few years in Buffalo and Alleghony, he came to New York and was made assistant pastor of old St. Anthony's Church. He was born in 1857 and his family name was de Ange'ls

WORK ON WHITE HOUSE.

Excavation Has Been Completed for the New Office Building.

REPUBLIC SPECIAL.

Washington, July 12 -- Workmen have completed the excavation for the foundation of the new office building which is to be erected west of the White House for the accommodation of the President and his bleefed, force of the president and his

accommodation of the President and his biging. I force.

All the floors have been torn out of the first story of the White House. The wooden beams are being replaced with steel, upon which new hardwood floors will be laid. The floors on the second story of the building will also be rebuilt entirely before the workmen begin the decoration of the interior of the White House.

ALTERATION SALE

The Mever Store is to be made roomier and better. Carpenters are already at work. Departments are being moved and prices are being greatly reduced to make room and clean out stock. The sale grows greater day by day. Tuesday or any other week-day is as good a shopping day as Monday at The Meyer Store. Thousands of St. Louis people now say The Meyer Store sells better goods for less money than ever was known in St. Louis.

STORE CLOSES EVERY DAY AT 5 O'CLOCK.

CORSETS.

Caused by removal

set sale at \$5.75.

• Sale at

LOW NECK AND SHORT SLEEVE the boards and you are not buy at this week's sule at lower and trimmed with daintiest laces. French styles; elegant \$4, \$5 and \$5 kinds; choice at \$2.75.

and trimmed with daintiest laces, French styles; elegant \$4, \$5 and \$6 kinds; choice at \$2.75. SKIRTS—With knee-deep flounces, insertions, lace; also tucks and embroidery ruffles, comprising even \$1.50 skirts; choice, 98c. KIMONAS—Of Persian lawn and dainty crepes; elegant \$5 Kimonas, Sale at \$1.40.

THE HANDKERCHIEF DEPT. Will be moved this week, so great lots of 40e and 50c all lines, hemstitched, lace trimmed and embroid-

lots of 40c and 50c all linen, hemstitched, lace trimmed and embroidered borders will be on sale at 19c.
Convent embroidered Handkerchiets,
worth 83 per dozen; box of 6 for 75c.
Men's finest 50c all linen Handkerchiefs, any width hom. Sale at 24c.

THIN WOOL DRESS GOODS.

81 English Tamise Satin Stripe, 53c.
81 English Tamise French Cord, 53c.
81 English Tamise French Cord, 53c.
81 English Tamise French Cord, 53c.

THE PRICE OF ONE.

Lot. No. 2-

\$2.50 to \$3.95.

Sale at

of all the incomplete assortment. Odd Lot 84 and \$5 Summer Wool

Odd Lot 84 and 85 Summer Wool Skirts. Sale 82.98.
Odd Lot 82.50 and 82 Summer White Waists. Sale 70c.
Odd Lot Blue and Black Brilliantine Plaited Skirts. Sale \$2.98.
Odd Lot Linen White Lawn Polka Dot Chambray 85, 86 and 87 Shirt-Waist Suits. Sale 82.98.
Lot of this senson's 81 and \$1.50 Shirt Waists, rumpled from display. Sale 50c.

Sale 50c. Odd Lot Muslin and Linen \$10 and \$12 Costumes. Sale \$4.98.

MUSLIN UNDERWEAR.

Alteration improvements necessitate moving 1-2 the stock to the second floor, where this special sale is to

EMPIRE GOWNS-Trimmed with Ince, embroidery, hemstitched, tucked; ele-gant; \$1.25 for 49c.

\$1 English Tamise Satin Stripe, 53c. \$1 English Tamise French Cord, 53c. 89c Wool Challi, beautiful, 29c. 75c Wool Challi, beautiful, 29c.

Lot No. 1-

\$1.45 to \$1.95.

Sale at

be held.

SALE OF

COR. BROADWAY & WASHINGTON. | letters on file from mail-order customers wild say on prices are lower than any St. Louis or Chicago house. STORE CLOSES EVERY SATURDAY AT 1 O'GLOCK.

NOW FOR A HURRAH SALE WITH THE MEN'S CLOTHING! Soon carpenters will take hold to rearrange our entire Fourth Floor, and this sale will clean out



READY-MADE SUITS, SKIRTS, WAISTS. DOUBLE-VALUE SHOE SALE. Space is being reduced to make room for other departments, which

space is being remodeled. The moving has caused an upheaval of An event that should not fail to interest thousands who are looking stock, and this week's great sale is the result of a gathering together for rare bargains.

Every Shoe on Sale is New and Perfect.

Special interest ataches to a very Those of you who have hought at The

big assortment of High-Class Shoes Meyer Store shoe sales will wonder at and Oxfords, comprising Cuban, Mil- this new lot of Patent Leathers, 3itary, Opera and even Louis Heels, Strap Slippers, Colonials, Julia Mar-



Hundreds of pairs of Misses' and Some handreds of pairs of facil-Children's \$1.25, \$1.50 and \$2 Shoes Patent Leather Oxfords and Sandals at one-third of their netnal cost to

and Slippers, including Viel Kid, Dongola, Enamel Calf, Extension Sole, Patent Stock, Button and Lace make, including many of the new shapes and all the standard styles. Styles, in extraordinarily large variety. Sale at, pair, 79e In the double value sale at 60c.

NEW TRIMMED WHITE FELT HATS "READY.

INFANTS' WEAR

Will soon be torn up and moved around during alteration sale. The 50c White Wash Silks, 20c. sale this week is to sell off surplus 50c Bamboo Pongee Silk, 30c. \$25 Pongee Walking Conts, \$12.49. 825 Pongee Walking Conts, 81 818 Christening Clonks, 89,49, 810 Christening Robes, 84,08, 8kirts to match, 81,08,

\$1 English Tamise French Cord, 53c.

89c Wool Challi, beautiful, 29c.

75c Wool Challi, beautiful, 29c.

49c, 59c and 69c Wool Dress Goods.
one and two piece lots, from last
week's great sale, gathered together
in one lot, 25c.

brolderics. Sale at 98c.

EMBROIDERED SKIRT FLOUNCES—45

75c goods, duplicate stock. Sale at 33c.

White P. K. STOCKS—For ladies, new
and stylish, in the way of removing
alteration sale at 24c; number of 75c All the small lots of handmade and lace caps which have been selling up for \$2. This sale at 49c.

SILK SALES.

59e Luce Stripe Linen Silk, 39c. \$1.25 All-Silk Grenndine, SSc. \$1.25 Ribbon Stripe Grenadine, 88c. 89c Perspiration Proof Jap Sitk, 59c. St Satin Foulards at 49e. 69e All-Silk Foulards at 39e.

BASEMENT SALES.

10e SAN TOY BATISTE, 5e.

15e DOTTED SWISS MULLS, 9 1-2c. Large floral designs as well as the large floral designs as well as the black and white stripes, 15-cent White ground, small dainty printing black and white stripes, 15-cent White ground, small dainty printing black and white stripes, 15-cent white ground, small dainty printing black and white stripes, 121-2 cents a yard. 50e IMPORTED FOULARDS, 12 1-2c. Koechlin's finest Foulards and Mous-Koechlin's finest Foulards and Mous-selines that sell regularly for 50 32-inch fine Dimity, neat black and cents, reduced to 12 1-2 cents a yard. Just the fabric for a shirt waist, the 30 cent value reduced to 18 cents a BRAY, 5c. Tinted ground Chambray, white 39e LACE STRIPE P. K., 18c.

50e MERCERIZED MADRAS, 29c. Highly Mercerized Madras, new designs, 50-cent quality reduced to 20 cents a yard.

39e DOTTED SWISS MUSLIN, 27c. Imported Dotted Swiss Mull, 39-covalue reduced to 27 cents a yard. 18e CORDED STRIPE MADRAS, 10c.
Corded and Lace Stripe Madras, 18cent quality reduced to 10 cents a
duced to 12 1-2 cents a yard.

81.25 RAISED FIGURED DAMASK, 85c. White ground, small dainty patterns, the cream of this class fabric reduced from 10 cents to 5 cents a yard.

15c DOTTED SWISS MULLS, 0.1.20 25c PRINTED P. K., 12 1-2c.

ALTERATION SALE

Means you can buy from The Meyer Store's

new stock at greatly reduced prices. The peo-

ple are getting to know The Meyer Store better

every day, and appreciate its advertisements

because they are carried out to the letter. If

you do not live within reach of The Meyer Store

order by mail. Anything sent you can be re-turned if unsatisfactory. We have hundreds of

THIRD-FLOOR SALES.

MOSQUITO CANOPIES AT SEC-Full size, complete with frame and cords, ready to hung; regular price, \$1.25; at this sale, 89c, \$11.K-COVERED PHLOWS, 98c-67 handsome \$1.50 and \$2 Pillows, beautiful patterns, very wide ruffles; this sale, 98c.

RUFFLED ORGANDIE CURTAINS, 40c-

RUFFLED ORGANDIE CURTAINS, 40c—300 pairs of our regular 98c, 3 yards long, 40 inches wide: this sale, 49c, DOWN CUSHIONS, 17c—200 of the regular 40c Cushions; this sale, 17c, HEMSTITCHED SHAMS—Stamped and rendy for working. A great lot of the regular 25c ones for 17c ench. DRAWN WORK SCARFS, 59c—Hemstitched scarfs, 2 yards long; hundred of the dollar ones in this sale for 59c, LAUNDRY BAGS, 19c—You can pick from red, blue, green, red and yellow; at this sale, 19c.

\$3 SILK UMBRELLAS, \$1.29.

MEN'S WALKOVER \$3.50 SHOES SELLING HERE FOR \$1.98.

18e SATIN STRIPE DIMITY, 10e YD.

Tinted ground Chambray. white corded effects, 17-cent kind, reduced to 5 cents a yard. 5e APRON GINGHAM REMNANTS, 2c.

Blue, brown and green checked Apron Gingham, 5-cent kind for 2 cents a yard. 18e UNBLEACHED SHEETING, 121-2e

35e EMBROIDERED SWISS DIMITY, 19e \$1.00 BLEACHED DAMASK, 77 1-2c.
68 and 72 inch Bleached Damask,
heavy satin finish, regular \$1.00 quality reduced to 77 1-2 cents a yard.

35c EMBROIDERED SWISS DIAM
White Dimity, with embroidered
Swiss dot, 25-cent quality reduced to

GROCERIES, WINES AND LIQUORS.

46c for 10 pounds best Granulated Sugar. 27c for 5 pounds Cut Loaf or Powdered Sugar. \$1.04 for 48 pounds Pillsbury XXXX Flour. 30c per pound for 40c Arrow Brand Mocha and Java Coffee.

10c per pound or 11 pounds for \$1.00 for & Libby's Potted good Arrow Brand Coffee.

40c per pound for can R. & E. Mixed Tea. 26c for 4-pound 25c for 9 bars Lenex

26c for 14-pound can R. & R. Potted

full New York Cream Cheese. 4c per can for Pet Cream.

17c per pound or 6 pounds for \$1.00 for Libby, McNell pounds for \$1.00 for case of pounds for \$1.00 for \$2.00 for Case of pounds for \$1.00 for \$2.00 for case of original Budwelser Beer-2 dozen in case of outcomes \$1.00 for case of original Budwelser Beer-2 dozen in case of outcomes \$1.00 for case of original Budwelser Beer-2 dozen in case of original Budwelser Beer-2 dozen or \$1.00 for case of original Budwelser Beer-2 dozen or \$1.00 for case of original Budwelser Beer-2 dozen or \$1.00 for case of original Budwelser Beer-2 dozen or \$1.00 for case of original Budwelser Beer-2 dozen or \$1.00 for case of original Budwelser Beer-2 dozen or \$1.00 for case of original Budwelser Beer-2 dozen or \$1.00 for case of original Budwelser Beer-2 dozen or \$1.00 for case of original Budwelser Beer-2 dozen or \$1.00 for case of original Budwelser Beer-2 dozen or \$1.00 for case or \$1 dines. 14c per pound for

70c per gallon for fine Port Wine-6 years old. \$1.60 per gallon for Old Cabinet Whiskey 6 years old.

POWER OF THERMITE, THE The hot slag strikes the upper part of the rail and heats it to such a degree that the union is instant and perfect. Later the mold is opened. A blow or two with a hammer separates the slag from the upper part of the now solid rail, and the operation is complete. NEWLY DISCOVERED FORCE. MOURNS FOR MOTHER Other Mysteries of Thermite.

Scientists Claim That It Will Melt Iron and Stone Instantly-Under Its Blaze Granite Can Be Made to Flow Like Water-Chemistry's Startling Discovery.

The Bepublic Bureau.

16 Times Bidg.

New York, July 12.—Melting Iron and stone instantly is the power claimed for a new heating force just discovered. Under its awful lightning blaze granite flows like water and big steel rails are welded in the twinkling of an eye. It can be made to explode with tremendous power or to work almost silently with appailing result. With this invention a burgiar puts a cigarette light to a handful of metal filings with a primer, and, lot bank vaults melt

and combination locks vanish. According to high authority it is the most startling discovery in chemistry. Thermite is its name. Distinguished chemists say that it needs only the touch of a match to this new compound to produce a temperature of 5.400 degrees Fahrenheit.

"The human mind," says a well-known scient'st of this city, "can form no appreciative conception of what such a temperature means. It would melt the most re-

fractery rocks and cause them to flow like

The interior of Mont Pelee, whose flery tlast destroyed St. Pierre in a moment and crumbled its building into dust, would be cool compared with this temperature of 5.400 degrees. It would melt the White Mountains into rivers of liquid fire. Nothing could withstand its consuming power.

Controlled and Regulated.

"Yet this heat cannot only be produced at a few moments' notice," said the scientist yesterday, "but it can be controlled -regulated for use in commercial work, in factories, foundries and machine shops, for melting, welding and shaping masses of iron and steel. It is equally valuable for producing hitherto rare and costly metals in a state of almost absorute purity."

a state of almost absolute purity."

And what makes this stupendous force? The answer seems incredible as the ciaims for the force itself. It is produced by simply putting a match to a mixture of aluminum fillings and exide of chromium, both metallic, and yet, as by magic, a migniy force is instantly created.

Here is the story of how the wonderful invention was discovered, according to the scientist seen yesterday.

"The first demonstration of this new agent in America was made early in May.

agent in America was made early in May, when certain processes were exhibited be-fore the Columbia University Chemical Society. The invention, like many others for which we are indebted to the chemist, orig-inated in Germany. Some time ago the Messrs. Krupp, the celebrated gun and ar-mor plate manufacturers of Essen, required a considerable quantity of pure metallic chromium, the metal much employed to give extra hardness to stee! How It Was Discovered.

"It is comparatively easy to produce this metal, but it is not usually pure and it contains a considerable quantity of carbon. To obtain it perfectly pure was difficult, and it was once thought impossible to manufacture on a large scale. The task of filing Krupp's order, fortunately, fell to a skilled chemist—Doctor Hans Goldschmidt. He saw the necessity for inventing a process of production to fit this particular case. "Now, it had been known for many years that if an intimate (complete) mixture of aluminum fillings and the oxide of chromeum were heated in a furnace, a violent explosion would follow, owing to the great intensity of the chemical action brought about, but precisely how no one knew, as the explosion was so violent as to empty

, the crucibles and scatter their contents far and wide.
"Doctor Goldschmidt was ingenious and

fee Coats, \$10 to \$15 styles. Sale \$4.99. Odd Lot Percale Lawn and Dimity Shirt-Waist Suits, up to \$2.50 styles.

Lot of Odd Linen Suits, White Suits, Organdie \$25 and \$35 Dresses. Sale 89.98.

Lot of Odd 98c and \$1.25 Wash Skirts. Sale 50c. Odd Lot Chambray \$5 Shirt-Waist

Suits. Sale \$1.49. Odd Lot \$6, \$7 and \$8 Slik Waists. Sale \$3.99.

LACE SALES.

Lower and lower go lace prices. Two weeks of the greatest lace sales has left thousand yards of lace from one to five yards long, which, if put in

remnant stock, would soon be rum-pled and twisted. These are left on

the boards and you are notified to buy at this week's sule at lower prices

"Doctor Goldschmidt was ingenious and persisted. He argued that, in such cases, metallic chromium must be found; also that the explusion was due to a too sudden heating of the furnace. He was sure that if the 'reaction' could be made more regular the chromium would be saved. "Could he but start the chemical reaction at one little point in the mass, it would proceed more gently and itself procuee heat sufficient for the completion. It was, in fact, the case of a loaded railway car at rest on an incline. A little push would send it down without the aid of motive power.

Mystery Solved at Last. Mystery Solved at Last.

Mystery Solved at Last.

"After a series of careful experiments, the problem was solved. When the aluminum filings were theroughly mixed in a crucible with oxide of chromium a teaspoonful of ordinary dashlight powder and peroxide of sodium was placed on the mass. This acted as a 'primer.' A match was applied. There was a bright flash, followed by a glow and gentle flame from the crucible, and all was over. When cold the crucible, and all was over. When cold the crucible was broken open. At the bottom was found metallic chromium at least 50 percent pure. Above it and easily separated was a sing of aluminum oxide, or artificial corundum. Herr Krupp could have his precious metal at reasonable cost for hardening steel for guns and armor plates. "This was the open door to one of the greatest inventions of the age. Doctor Goldschmidt resolved to experiment further. He soon discovered that very pure mangainers, also a valuable but almost unknown product in commercial quantities, could be equally well obtained in this way market match units and could be equally well obtained in this way

known product in commercial quantities, could be equally well obtained in this way —mercial substituting oxide of finanganese for oxide of chromium.

"Next came experiments with oxide of iron and then the discovery of "thermite." Doctor Goldschmidt found that if oxide of iron (a pure haematite ore, such as is mined in Northern Michigan) were substituted for oxide of chromium and touched off by the flashlight primer, its action would be far more violent, though it could still be controlled.

Made Iron Run Like Water. "In his remarkable experiments the slag of the corundum spurted out liquid and flaming. It was a binding spectacle. Bubling like water, it ran pure metallic from

daming. It was a binding spectacle. Bubbling like water, it ran pure metallic from and sank to the bottom in a dazzling molten mass, so electrically brilliant, so intense, that the operator was forced to arm himself with blue glasses. As it was, he found himself temporarily blinded. The heat generated was enormous.

"It may be stated that this method of producing from in small quantities could not, commercially speaking, compete with the blast furnace, but as a source of heat it contains, vast possibilities, and practical ways of using it were at once sought.

"Experiments on the welding of rails at once demonstrated its possibilities. The clean-cut ends to be welded are clamped together by a kind of portable vise. Around the joint to be welded is urranged the mold, composed of highly refractory material. A plugsed pipe of the same material, communicating from above with the bottom of the crucible, is adjusted. In the crucible is placed a charge of thermite, in this a small quantity of the priming material (flashight powder). The operator, wearing blue spectacles, dreps a lighted match on the primer (thermite itself will not take fire from a match) and retires to a safe distance.

"The Pelce in miniature goes off. The operator returns, opens the plug, and the contents of the crucible flows quickly into the mold and on the tightly clamped rails. The liquid itam sinks to the bottom and fuses the lower flange, strengthening the joint.

Other Mysteries of Thermite.

"It is remarkable that though the contents of the crucible flows out at a temperature little below 1,5% degrees Fahrenhelt, the outside of the crucible may be held in the hard almost immediately, because the development of the heat is too rapid to affect surrounding bodies unless kept in contact with the molten mass longer than it remains in the crucible.

"So great is the heat that the rail would be still hot to the hand at the end of eight or ten bours if the mold were allowed to remain unopened so long. The practical utility of the invention is shown by the fact that steel ralls are now welded by this process in Berlin, Mangleh, Hamburg, Cassel and other German cities.

"It is also a success in welding pipes into continuous lengths, miles long, if necessary. For pipes only the slag (not the molten metal) is allowed in contact with the pipe joint. Many other uses have been suggested for thermite, and it will work a revolution in the great industries of iron, steel and other metals.

"Th conclusion it may be remarked," says "In conclusion it may be remarked," says "The concl

other metals.
"In conclusion it may be remarked," says the scientist, "that the thermite mixture is safe to handle and safe to store—as safe as sawdust. Only a very high surrounding temperature or the ignition of the priming material will make it born. Of course it is never added to the mixture until a demonstration is to be made. The constituents of thermite may be transported separately, to be mixed on the spot. Until they are mixed they are as harmless an sand."

Ideas That Make Men Prese.

Ideas That Make Men Free.

Ideas That Make Men Prec.

Such are the wonders of chemistry, suggesting Emerson's claim. Thought sets men free." By simple process—flame applied to metal filings—prison bars melt and vaulted dungeous flow like water.

Everybody has seen aluminum. It is a cheap, silvery metal, as light as cardboard, yet, in its various forms, it composes about one-twelfth of the great earth's crust. Marvelous to relate, many metals are of the aluminum form. Mixed with copper every day, aluminum becomes the cheap gold of commerce, as used for cheap watch cases, jewelry and settings for artificial stones, now widely displayed in show windows.

These stones, almost as hard as those of nature, are of corundum, an exide of aluminum. This corundum, referred to above, is the famous substance recently manufactured by electricity at high temperature. It is a kind of precious substance itself, nearly as hard as the diamond, and among the gems of its various forms are supphires, amethysts, rubies and topages. Abromium is of a dull green color and is popular with manufacturers for imparting a green tint to porcelain. The most important use of pure chromium is to harden sited. With it Krupp tempers armor-plates for battleships. use of pure chromium is to natural.

With it Krupp tempers armor-plates

Another wondrous element is chromium. Another wondrous element is chromium. In its pure state it is of a tin-white color, like aluminum. After fusion it is even harder than corundum. It oxidizes slowly and in oxygen burns vividly. It does not occur "native," but is found in chrome iron stone, lead chromate and meteoric iron. Or aid. When artificially made this kind of or its forms is supposed to be the green that gives resolendent luster to the emer-

HOODOO BOAT IS DESTROYED. Barge Martha Jane Burns to the

Water's Edge at Stockton.

REPUBLIC SPECIAL. Stockton, Cal., July 12.—Sank last March in the Sacramento River with a load of grain; killed her engineer, George Mercer, six weeks are, on the Mckelumne River; sank a week are at Bouldin Island with 5,000 gallons of crude oil in drums, and her hold nearly half full of 61; burned to-day in Mormon Channel in this city. This is the tecard of the gaseline barge, Martha Jane.

After sinking a week are she was towed to this city and beached at Mormon Channel. The oil had not been pumped out of her built. She caught fire, supposably from a burning rocket stick. The boat is now burned to the water's edge.



RUTH ROWLAND.

in public and traveled from town to town with her trunks and her stage costumes. Though with all the hard work attendant on the calling, the child met those people who are generous, who are kindly and good companions of the youth of the stage. She, like all "stage children," received attention that an adult could never hope for, and that same generous treatment in a great measure accounts for the constant brightness and the ever-smilling countenance of the child who is put for a livelihood among Thesplans.

Ruth was devoted to her mother, the love was returned and the child is old enough to appreciate the loss that has befallen her. Her early stage career was no setback to Her early stage career was no setback to ber as a little student, for the mother her as a little staught her much.

NIGHT SITTINGS THE

YOU CAN BE CURED! No Pay Until Proven.

No matter what your disease or vickness is, no matter how discouraged you are, don't give up here until you have consulted the experts of the World's Health Institute. They will surely care you, no matter how long you have suffered or how, many doctors say you are hopeiess. They have you, no matter how long you have suffered or how, many doctors say you are hopeiess. They have discovered an entirely new system of cure, new medicines, new apparatus and new ideax and so discovered an entirely new system of cure, new medicines, new apparatus and new ideax and so confident are they that they have at last found the true manaces for all ills that they will not take a cent unless you admit that you are cured. "No Cure No Pav" is their motto.

If you have any of the following diseases call and see them free of charge, and you will not be expected to pay until you are cured. They une: Rheumantism, neuraigia, atomach frouble, heart disease, liver complaint, kidney trouble, blood and skin distrouble, heart disease, liver complaint, kidney trouble, hold and skin distrouble, heart disease, liver complaint, kidney trouble, blood and skin distrouble, heart disease, liver complaint, kidney trouble, blood and skin distrouble, bladder trouble, deafness, consumption, asthum, failing sight, catarrh, bromehitis, partini paralysis, locomotor ataxis, weakness, dropsy, gout, according, plies, all diseases peculiar to indice Treatment absolutely free until cured.

CONSULTATION FREE TO ALL. If you cannot come in person write a brief history of your cale and we will tell you what to do free of charge.

Have your eyes and care examined by the celebrated Oculist and Optician, P. J. McGOWEN, M. D., Lil. D. Spectacles properly fitted.

WORLD'S HEALTH INSTITUTE, 2923 Morgan St., St. Louis.

KAISER BECOMES A KING OF YACTING

He Made Kiel Regatta a Success and Complimented Mrs. Ogden Goelet.

SPECIAL BY CABLE. Kiel, Germany, July 12.-Emperor William has made the Kiel regatta the most brilliant yachting event in Europe this year. The English yachtzmen agree that it surpasses the Cowes meetings which have taken place in the two years of the South African war. Under his Majesty's personal stimulus one hundred racing craft were brought together, a quarter of them being brought together, a quarter of them being French, British, Swedish, Danish and American vessess. Most of them are small-raters, but ten or twelve are large vessels and represent some of the best work of British and American builders.

Emperor William's judicious distribution of the invitations made the event distribution of the invitations made the event distribution and sliver cups, the prizes in this regards, are set out on a take at the Yacht Club. Nine of them are gifts of his Majesty, the Empress and Prince Henry of Prussia.

The American participation has been a disappointment, because Prince Henry personally invited several members of the New York Yacht Club. But months before that intimations of Emperor William's desires were conveyed to yachtsmen in the United States.

His Majesty called on Mrs. Oxden Goeiet

States.

His Majesty called on Mrs. Ogden Goelet on the Nahme. She, following custom, first left her cards on board the imperial yacht Hohenzollern. The Emperor was joily and chatty while on Mrs. Goelet's yacht. He remarked that he had been on board many yachts, but the Nahma was the finest he had seen.

LIGHTNING BUGS EXPECTED.

Large Specimens From the Tropics Are Due at Washington.

Washington, July 12.-"Cocoves." the large lightning bugs of Brazil. Cuba and large lightning bugs of Brazil. Cuba and tropical South America that emit a continuous double light of sufficient strength and intensity for one to read the time on a watch is inches distant, and which the Botoocudo Indians of Brazil use for illuminating purposes by confining a number of them in small wicker cages, are soon to be a novelty in the pet line in Washington. Some fifty-eight of these bugs are row on their way from Cuba to this city, and on their arrival will be the first ever seen in the capital.

REPUBLIC SPECIAL.

capital.

This is one of the results of a demand for This is one of the results of a demand for something new that is constant on the part of the public and competition among bird and pet animal dealers. The cocoros are very large, though perfectly harmless, and in many of the South American cities and in Havana the young girls and married ladies wear them in their hair at night, the effect of which is singularly striking and beautiful, especially when the lady wearing

them happens to be blessed with more than the usual share of feminine pulchitude.

The coccyos thus worn illuminate the wearer's countenance and hair in a perfect hale of light. Whether they will be used in this way by local belies remains to be seen. The coccyos are very hardy, and will live for months with little or no attention. Local pet dealers are of the opinion that if kept indoors and in warm places during the winter in the same manner that parrots and canaries are kept, the coccyos can be domesticated and made to increase and multiply in this country. This has proved successful in the case of the little green chameleon lizards of Florida that lay eggs and hatch out breeds as long as they are properly attended to.

ONE THOUSAND DIED IN ONE DAY Greeks Poisoned Water Pilgrims

Drank From Well of Asfana. SPECIAL BY CABLE. Paris, July 12.-A Marseilles paper has re-

ceived a letter from Algiers containing the

ceived a letter from Algiers containing the story of an Aigerian journalist accompanying the caravar of Aigerian pilgrims to Mecga.

The Aigerian reports that after drinking of the water of the well of Asfana, as is customary before visiting the Sacred Carpet, a large number of pilgrims became Bl. and over 1,000 died in one day. The report spread that a Greek who had been found disguised in the caravan as a Mohammedan had poisoned the water.

He was selzed and then confessed that he and three other Greeks had disguised themselves in order to make the pilgrimage. The infuriated crowd attacked the four Greeks and hacked them to pieces with knives.

Hunting an Owner. Magistrate: "If you found that purse, as you say, why didn't you try to find the owner?"

Prisoner: "I did, y'r honor. I pulled out that purse in a dozen different saloons to pay for drinks, but no one claimed it."—
New York Weekly.



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